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XCVI. *Minutes of the Observation of the Transit of Venus over the Sun, the 6th of June 1761, taken at Calcutta in Bengal, Latitude $22^{\circ} 30'$, Longitude East from London nearly 92° : communicated from the Court of Directors of the East India Company, by Charles Morton, M. D. F. R. S.*

Read Nov. 4, 1762.	T HE appulse uncertain, } but very apparent at - }	^h ['] ["] 8 11 35
The center of Venus on the Sun's limb		8 16 35
The interior contact at the ingress - -		8 24 40
Interior contact at the egress - - -		2 15 55
Center of Venus on the Sun's limb at } the egress - - - - - }		2 24 0
Total egress - - - - -		2 32 0

The above observations were minuted from a stop-watch of Mr. Ellicott's, having no pendulum-clock or time-piece.

The weather being cloudy for several days before that of observation, there was no opportunity of ascertaining the error of the watch; but, on the day of observation, I found, upon comparing the watch with a meridian line in the town-hall, that when the center of the Sun's image was on the meridian line, the time pointed by the watch was $4' 10''$ past twelve.

Comparing the watch the 7th, 8th, and 9th June with the meridian line, I found it had gained nearly two minutes each day, the time pointed by the watch on the 9th June being $10' 5''$, when the Sun was on the meridian.

It took about 5'' to wind the watch up every day, which I carefully observed; from the foregoing remarks I have made the following corrections.

	h	'	''
Centre of Venus on the Sun's limb at	8	12	54
ingress - - - - -			
Interior contact at the ingress - - -	8	20	58
Interior contact at the egress - - -	2	11	34
Centre of Venus on the Sun's limb at	2	19	38
the egress - - - - -			
Total egress - - - - -	2	27	38
And if the same time be allowed for the			
first semidiameter of the planet com-			
ing on as the other three, it must have	6	22	48
commenced at 8 ^h 4' 50'', so that the			
total duration was - - - - -			

William Magee.